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AMENDMENTS TO THE CLAIMS

This listing of Claims will replace all prior versions, and listings, of Claims in the application:

LISTING OF CLAIMS

(Currently Amended)

A compound having the formula

$$R_1$$
 R_5
 R_3
 R_2
 R_4
 R_5
 R_4

wherein

n is an integer from 0 to 4; R_1 is C_1 to C_6 alkyl or C_3 cycloalkyl;

 R_2 and R_3 are the same or different and are hydrogen, halogen, alkyl of 1 to 4 carbons, at least one of R_2 and R_3 being other than hydrogen;

 R_4 is a heteroaromatic moiety which may be substituted or unsubstituted and is linked to $(CH_2)_n$ via a nitrogen atom or a carbon atom; an amine (NR'R''), including those in which the amine is derived from an alpha amine acid of either natural (L) or unnatural (D) stereochemistry; an acylsulphonamide $(CONHSO_2R')$; or a carboxylic acid amide (CONR'R'') in which R' and R'' are the same or different and are independently selected from hydrogen, alkyl, aryl, and heteroaryl substituted or unsubstituted with the provise that when n equals zero (n=0), then R_4 can only be a carboxylic acid amide or an acylsulphonamide;

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 R_5 is hydrogen or an acyl (such as acetyl or benzoyl) or other group capable of bioconversion to generate the free phenol structure (where in $R_5 = H$);

including all stereoisomers thereof, prodrug esters thereof, and pharmaceutically acceptable salts thereof.

2. (Previously Presented) A compound as defined in Claim 1 wherein R_4 is a carboxylic acid amide (CONR'R") in which the amine portion of the carboxylic amide can be derived from an achiral or a L or D alpha amino acid such as when the general structure -CONR'R" can be represented by

and R', R", R''', R'''', are the same or different and are independently selected from hydrogen, alkyl, aryl and heteroaryl, substituted or unsubstituted, and R* may be hydrogen, alkyl, aryl and heteroaryl, substituted or unsubstituted, and may also be any of the side chains found in the naturally occurring alpha-amino acids.

- 3. (Original) The compound as defined in Claim 2 where R' and R^* are connected to form a 4 to 8-membered ring.
- 4. (Original) The compound as defined in Claim 2 where R' and R* comprise consecutive $-(CH_2)$ groups to form proline or homoproline.

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- 5. (Original) The compound as defined in Claim 1 where n is 0, 1, or 2.
- 6. (Original) The compound as defined in Claim 1 wherein R_2 and R_3 are each independently halogen.
- 7. (Original) The compound as defined in Claim 1 wherein R_2 and R_3 are each independently an alkyl group.
- 8. (Original) The compound as defined in Claim 1 wherein one of R_2 and R_3 is halogen and the other is an alkyl group.
- 9. (Original) The compound as defined in Claim 1 wherein one of R_2 and R_3 is halogen and the other in hydrogen.
- 10. (Original) The compound as defined in Claim 1 wherein R_2 and R_3 is alkyl and the other is hydrogen.
- 11. (Original) The compound as defined in Claim 1 wherein R_2 and R_3 are independently Cl, Br, methyl or ethyl.
- 12. (Original) The compound as defined in Claim 1 wherein R_1 is isopropyl.
- 13. (Cancelled).
- 14. (Original) The compound as defined in Claim 1 wherein $\ensuremath{R_5}$ is hydrogen.

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Claims 15.-16. (Cancelled)

17. (Original) The compound as defined in Claim 1 which is in the table below,

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and the compounds indicated in the table below

	
-NR'R"	Formula
3-(AMINOMETHYL)PYRIDINE	C23H22Br2N2O3
2-(2-AMINOETHYL)PYRIDINE	C24H24Br2N2O3
NR'R"	Formula .
3-(2-AMINOETHYL)PYRIDINE	C24H24Br2N2O3
2-(AMNOMETHYL)PYRIDINE	C24H30Br2N2O3
4-(AMINOMETHYL)PYRIDINE	C24H30Br2N2O3
1-(4-METHOXYPHENYL)PIPERAZINE DIHYDROCHLORIDE	C29H32Br2N2O3
1-(2-FLUOROPHENYL)PIPERAZINE	C34H32Br2N2O3
2-(2-(AMINOMETHYL)PHENYLTHIO)BENZYL ALCOHOL	C31H29Br2NO4S
2-(1-CYCLOHEXENYL)ETHYLAMINE	C25H29Br2NO3
2-AMINOINDAN	C26H25B(2NO3
2-AMINOMETHYLBENZODIÓXAN	C26H26Br2NO5
3-PHENYL-1-PROPYLAMINE	C26H27Br2NO3
2-(P-TOLYL)ETHYLAMINE	C26H27Br2NO3
1-(3-AMINOPROPYL)-2-PYRROLIDINONÉ	C24H28Br2N2O4
BETA-ALANINE 4-METHOXY-BETA-NAPHTHYLAMIDE	C31H30Br2N2O5
2-CHLOROBENZYLAMINE	C24H22Br2CINO3
2-AMINOMETHYL-3-CHLORODIPHENYLETHER	C30H26Br2CINO4
	C23H28Br2N2O4
L-PHENYLALANINOL	C26H27Br2NO4
4-(1,2,3-THIADIAZOL-4-YL)BENZYLAMINE	C26H28Br2N3O38
	C22H21Br2NO3S
	C29H27Br2NO3
8-CHLORO-4-METHYL BENZYLAMINE	C26H24Br2CINO3
	C22H26Br2NO4
2.4-DICHLOROPHENETHYLAMINE	C25H23Br2Cl2NO3
	C25H30Br2N2O5
	C24H21Br2F2NO3
	C24H22BI2INQ3
	C25H26Br2NO3
	C24H28Bt2NO3
	225H26Br2NO3
2-METHOXYPHENETHYLAMINE	26H27Br2NO4
	28H27Br2NO4
	28H27Br2NO4
(R)-(-)-1-CYCLO-HEXYLETHYLAMINE	225H31Br2NQ3
	26H27Br2NO4
	24H22Br2FNO3
	26H24B12CINO3
	24H22Br2CINO3
	14-11 MEDIEC (1400)

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	G02(1070-01/02
BETA-METHYLPHENETHYLAMINE	C26H27Br2NO3
1,1-DI(P-ANISYL)METHYLAMINE	C32H31Br2NO5
MAYBRIDGE BTB 12133	C27H29Br2NO6
DL-2-AMINO-1-PENTÁNOL	C22H27Br2NO4
L-PHENYLALANINE P-NITROANILIDE	C32H29Br2N3O6
L-MENTLALAMINET THE THE THE THE THE THE THE THE THE T	C23H27Br2NO5
ETHYL 8-AMINOBUTYRATE	C31H29Br2NO4
(15.2R)-(+)-2-AMINO-1,2-DIPHENYLETHANOL	C28H24Br2FNO3
2-PLUOROPHENETHYLAMINE	C26H39Br2NO3
2-ETHYLHEXYLAMINE	C28H24Br2FNO3
3-FLUCROPHENETHYLAMINE	C271/2001/2NO6
15.25)-(+)-2-AMINO-3-METHOXY-1-PHENYL-1-PROPANOL	C26H86BI2NO8
LHONY AMINE	C24H21Br2Cl2NO3
2.5-DICHLOROBENZYLAMINE	
3-METHYLCYCLOHEXYLAWINE	C24H29Br2NO3
19 METHYLCYCLOHEXYLAMINE	C24H29Br2NO3
LANDROPONYPROPYLAMINE	623H29Br2NO4
2.3-DIMETHYLBENZYLAMINE	C28-127B/2NO3
1 S.C.H. OROBENZYLAMINE	C24H22Br2CINO3
4-TERT-BUTYLCYCLOHEXYLAMINE	C27H35Br2NO3
	Formula
-NR'R" (18,28)-(+)-THIOMICAMINE	C27H29Br2NO58
2,4-DIMETHYLBENZYLAMINE	C26H27Br2NO3
2-AMINOETHYL PHENYL SULFIDE	C25H25Br2NO3S
Z-AMINOE INTERPLET LE COLLINE	G26H26Br2NO3
PHENETHYLAMINE	C25H25Br2NO4
TYRAMINE	C27H27Br2NO6
L-TYROSINE METHYL ESTER	C30H27Br2NO3
BENZHYDRYLAMINE	C25H25Br2NQ4
4-METHOXYBENZYLAMINE	C24H21Br2Ct2NO3
2.3-DICHLOROBENZYLAMINE	C23H27Br2NO5
GLYCINE N-BUTYL ESTER HYDROCHLORIDE	C27H27Br2NO5
D-(-)-ALPHA-PHENYLGLYCINE ETHYL ESTER	
HYDROCHLORIDE	C24H21Br2CIFNO3
4-CHLORO-2-FLUOROBENZYLAMINE HYDROCHLORIDE	C26H25Br2NO3
TRANS-2-PHENYLOYCLOPROPYLAMINE	
HYDROCHLORIDE	C23H27Br2NO5
ETHYL 4-AMINOBUTYRATE HYDROCHLORIDE	C21H21Br2NO4S
TRI GOMOCYSTEINE THIOLACTONE RIDROCK DOTAGE	C24H22Br2N2O5
A MITTO CRENTY AMINE BY DRUCKLURIDE	C25H26Br2NO5
TYANDUELTY EDURINE HYDROCHLORUS	C21H23Br2NO5
COLVOING EATING ESTING HATINGCONCORDS	C22H26Br2NO6
THE ALAMAN METLON COTTON HYDROXINGUMIC	C22H26Br2NQ5
TELEGRANIE PERMI COTED MYTHRIX MILLINIUS	
4-NITRO-N-PROPYLBENZYLAMINE HYDROCHLORIDE	C27H28Br2N2O5
PIPERIDINE	C22H25Br2NO3
3-METHYLPIPERIDINE	C23H27Br2NO3
8-(HYDROXYMETHYL)-PIPERIDINE	C28H27Br2NO4
1,2,3,4-TETRAHYDROISOQUINOLINE	C26H25B(2NO3
1,2,04*1GITVITILITONO PARTITION	C24H29B(2NO3
2-ETHYLPIPERIDINE	C28H26Br2Cl2NO3-
3.4-DICHLORO-N-EIN (LDENZILINYIII)	C22H25Br2NO3
12METHYLPYRROLIDINE	and imposing
N-ETHYL-N-PROPYLAMINE	I CXXMX/BIZINGS 1
	C22H27Br2NQ3
4-METHYLPIPERIDINE (S)-(+)-2-(METHOXYMETHYL)PYRROLIDINE	C23H27Br2NO3 C23H27Br2NO4
3.4-DICHLORO-N-ETHYLBENZYLAMINE 2-METHYLPYRROLIDINE N-ETHYL-N-PROPYLAMINE	C22H25Br2NO3

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I I her trace was 171724 at 19175	
N-BENZYLETHANOLAMINE	C26H27Br2NO4
DIBENZYLAMINE	C31H29Br2NO3
4-BENZYL-4-HYDROXYPIPERIDINE	C29H31Br2NO4
(R)(-)-2-BENZYLAMINO-1-BUTANOL	C28H31Br2NO4
N-(N-ETHYLAMINOACETYL)-2,8-DIMETHYLANILINE	C29H32Br2N2O4
N-ETHYL-O-METHOXYBENZYLAMINE	C27H29Br2NO4
MAYBRIDGE NRB 01961	C30H83Bj2NO5
2-((N-ETHYLAMINO)METHYL)-4-NITROPHENOL	C26H26Br2N2O6 ·
MAYBRIDGE SEW 01484	C81H29Br2NO48
3-AZABICYCLO-(3.2.2)NONANE	C26H29Br2NO3
N-(2-METHOXY-ETHYL)ETHYLAMINE	C22H27Br2NO4
	102213610121104

18. (Currently Amended) The compound as defined in Claim 1 which is

D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyllyaline. D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl lleucine. L-S-Benzyl, N-[3,5-dibromo-4-(4-hydroxy-3-isopropyiphenoxy)benzoyl]cysteine, D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyi]tyrosine, -LN-d-(2,2,5,7,8-Pentamethylehroman-6-culfonyl). N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]arginine. L-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyi]aminobutyric acid, L-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyi]valine, L-N-{3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]leucine. L-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyi]proline, L-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]cysteine, N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyflglycine. L-N-a-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyillysine. D-N-a-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]lysine, N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]aminoisobutyric acid, L-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]phenylglycine, D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropyfphenoxy)benzoyl]phenylglycine, N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyi]sarcosine, DL-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]-a-methylphenylalanine, L-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]isoleucine, D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]methionine, LN 43.5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyi]methionine,

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L-N43,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]phenylalanine, -D-N-3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]phenylalanine, L-N-19,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]cyclohexylalanine, L-N-e-(Benzyloxycarbonyl), N-a-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyi]lysine, D-N-e-(Benzyloxycarbonyl), N-a-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]lysine, D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]homoserine. N-[3,5-Dichloro-4-(4-hydroxy-3-isopropylphenoxy)benzoyf]glycine. N-[3,5-Dichloro-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]sarcosine. 3,5-Dichloro-4-(4-hydroxy-3-isopropylphenoxy)phenylformylimino diacetic acid. N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]-beta-alanine, N-[3,5-Dichloro-4-(4-hydroxy-3-isopropylphenoxy)benzoyl]-beta-alanine, D-N-[3,5-Dichloro-4-(4-hydroxy-3-isopropylphennoxy)benzoyl]methionine. L-N-[3,5-Dichloro-4-(4-hydroxy-3-isopropylphenoxy)benzoyi]serine D-N-[3,5-Dichloro-4-(4-hydroxy-3-isopropylphenoxy)benzoyi]serine N-[3,5-Dichloro-4-(4-hydroxy-3-bromophenoxy)benzoyl]glycine N-[3,5-Dichloro-4-(4-hydroxy-3-methylphenoxy)benzoyf]glycine N-[3,5-Dichloro-4-(4-hydroxy-3-ethylphenoxy)benzoyf]glycine

19. (Original) The compound as defined in Claim 1 which is

D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]methionine,

L-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl] a-methylalanine,

D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl] a-methylalanine,

D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]alanine,

L-Methyl-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]alanine,

L-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]glutamate,

L-Dimethyl-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]glutamate,

L-Dimethyl-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]glutamate,

L-(O-tert-butyl)methyl-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]

glutamate.

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L-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]glutamic acid,
L-N-[3,5-Dichloro-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]aspartic acid,
D-di-tert-butyl-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]glutamite,
D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]glutamine,
L-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]glutamine,
D-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]glutamine,
L-O-Benzyl-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]aspartic acid,
L-O-tert-Butyl-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]aspartic acid,
L-O-tert-Butyl-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]homoserine,
L-N-[3,5-Dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]homoserine,
D-Methyl-N-[3,5-dibromo-4-(4-hydroxy-3-isopropylphenoxy)phenylacetyl]homoserine,

and the compounds showed in the table below,

Mol Formel
C22H25Br2NQ5
C22H25Br2NO5
C26H25Br2NO6
C23H27Br2NO5
C27H27Br2NO58

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D-Leu	C23H27Br2NO6
D-Tyr	C26H25Br2NO6
	C28H28Br2N2O8
	CZONZODIZNZOD
L-Arg	G23H28Br2N4O5
L-Abu	C21H23Br2NO8
Z OH	C20H21Br2NO5
× H OH	C20H21Br2NO5
L-Leu	C23H27Br2NO5
All on	C25H23Br2NO5
D-Pro	C22H23Br2NO5
L-ile	C23H27Br2NO5
(D)	C23H25Br2NO5
· L-Phe	C26H25Br2NO5
L-Lys	C23H26Br2N2O5
C) OH	C23H25Br2NO5
L-Pro	C22H23Br2NO6
X OH (D)	C25H23Br2NO5

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20. (Original) The compounds as defined in Claim 1 having the structures

or a pharmaceutically acceptable salt or ester(s) thereof.

21. (Original) The compounds as defined in Claim 1 having the structures

or a pharmaceutically acceptable salt or ester(s) thereof.

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22. (Original) The compounds as defined in Claim 1 having the structures

wherein R_1 = isopropyl, methyl, ethyl; R_2 and R_3 may be independently selected from Br, Cl and Me; n=0 or 1; R* may be hydrogen, alkyl, cycloalkyl, aryl and heteroaryl; * denotes either D or L stereochemistry when R* is not hydrogen; R_5 is hydrogen; and R' is selected from hydrogen, lower alkyl, especially ethyl and methyl.

23. - 26. (Cancelled)

27. (Original) A pharmaceutical composition comprising an effective amount of a compound according to Claim 1 or a pharmaceutically effective salt thereof, together with a pharmaceutically acceptable carrier.

28. (Cancelled)

29. (Previously Presented) A method to treat a skin disorder or disease selected from the group consisting of dermal atrophy, post surgical bruising caused by laser resurfacing, keloids, stria, cellulite, roughened skin, actinic skin damage, lichen planus, ichtyosis, acne, psoriasis, Dernier's diseases, eczema, atopic dermatitis, chloracne, pityriasis and skin scarring, said

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method comprising the step of administering to a patient a pharmaceutical composition comprising a therapeutically effective amount of a compound of Claim 1.

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